ORION industry

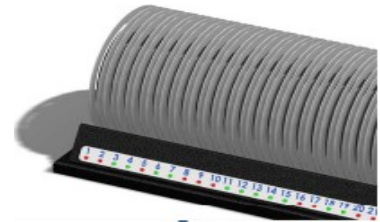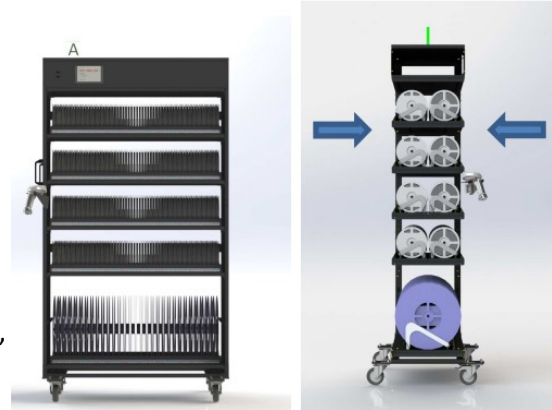# ADVANCED SMART SMT REELS STORAGE COMPONENTS STORAGE & FINDER SYSTEM

MAIN FEATURES

− Optimized for SMT reels, sticks and trays
− Streamlines the flow of components between warehouse and production
− **Saves floor space**: up to 720 reels stored in 0,45 m²
− **Reduces kitting time**: modular and flexible, offers versatile configuration and application, extending the benefits of automation from simple storage to more complex goods handling operations such as picking, kitting and refilling etc.
− **Time saver**: 5 seconds reel storage time and 3 seconds retrieval time
− BoM management and FiFo functions for easy production control and optimization: residual quantity, real time stock situation, warnings, humidity and expiring data tracking
− **Ind. 4.0 ready**: full traceability, easy link with factory MRP software, custom solution for P&P software
− Sensors and Leds for automatic reels location
− 7" inches full color touchscreen display
− Color: Black. Custom color available by ordering 3+ units

SOFTWARE PROPERTIES

− A single sw to manage all the racks/shelves
− Easy to use production list creator / import production list from BOM or P&P file
− Presence check of all components necessary for production based on quantity of boards to be assembled
− Selectable reels finder mode:
• Light up simultaneously the required ones
• Sequential light up according to any chosen criteria (FiFo, expiration date, residual components quantity etc.): each shelf's display shows the next component to be picked up
− Import of reel's data from generic files (e.g.csv generated from management sw, purchase orders, delivery note, etc.)
− Real time **printing labels (1D/2D)** during reel's import process
− Customers/Suppliers manager function for reels/production lists
− Operator manager function: each action is associated with operator who performed it

SHELVES PROPERTIES

− Sensored positions to prevent picking/storage errors. RGB Leds show status for each position
− Detection of picking errors
− Touchscreen display for local operations and view reels info
− Barcode scanner
− **Ultra-fast "Scan&Place"** mode: if the reel's code, once scanned, is correctly recognized and present in the DB, simply insert the reel in any empty position
− **Space saver**: reels can be placed in any empty housing suitable for their sizes
− Automatic real time check for correct reels storage
− System (option) can be mounted on wheels and equipped with battery to be used close to P&P/feeders: exceptional time saver. Reduces changeover/setup time and errors
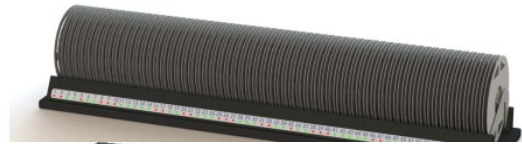
ADVANCED SMART SMT REELS STORAGE COMPONENTS STORAGE & FINDER SYSTEM

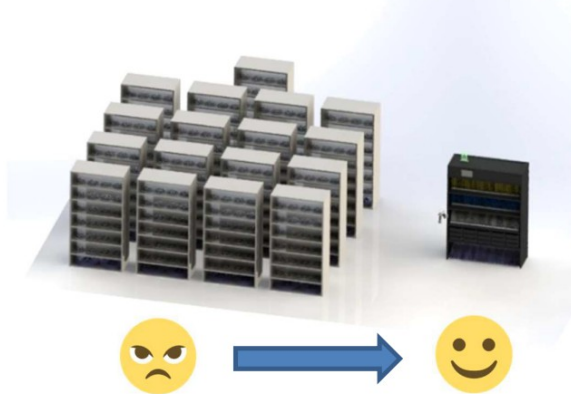## MAKE SMART YOUR OWN SHELVES / RACK

Use our shelf units in your own
storage system to get smart features

SHELF FOR TRAYS

– Housing for Trays, Sticks, Bulk components and
other devices.

480 component types 7" reels + **30** types 15" reels

SAVE FLOOR SPACE FOR NEW PROJECTS

– Improve management of floor space: you can create new areas to be used for production or for
other functions

– Find the components necessary for production easily, quickly and without errors

– Modify the process: simplify and monitor components storage and retrieval

EASY AND QUICK

GETTING STARTED

1. Import components from your
orders or other generic files
2. Create and print labels
(barcode, QR code)

STORAGE

1. Use the scanner and place the
reel in one of the spaces
identified by the leds
2. Software will verify that all the
reels in the list have been
inserted

PICKING

1. Create the list (or import it
from files as BoM or P&P file) of
components to be taken
2. Choose the picking criteria
(FiFo, expiring dates, etc.)
3. Take the reels from the
positions indicated by the leds